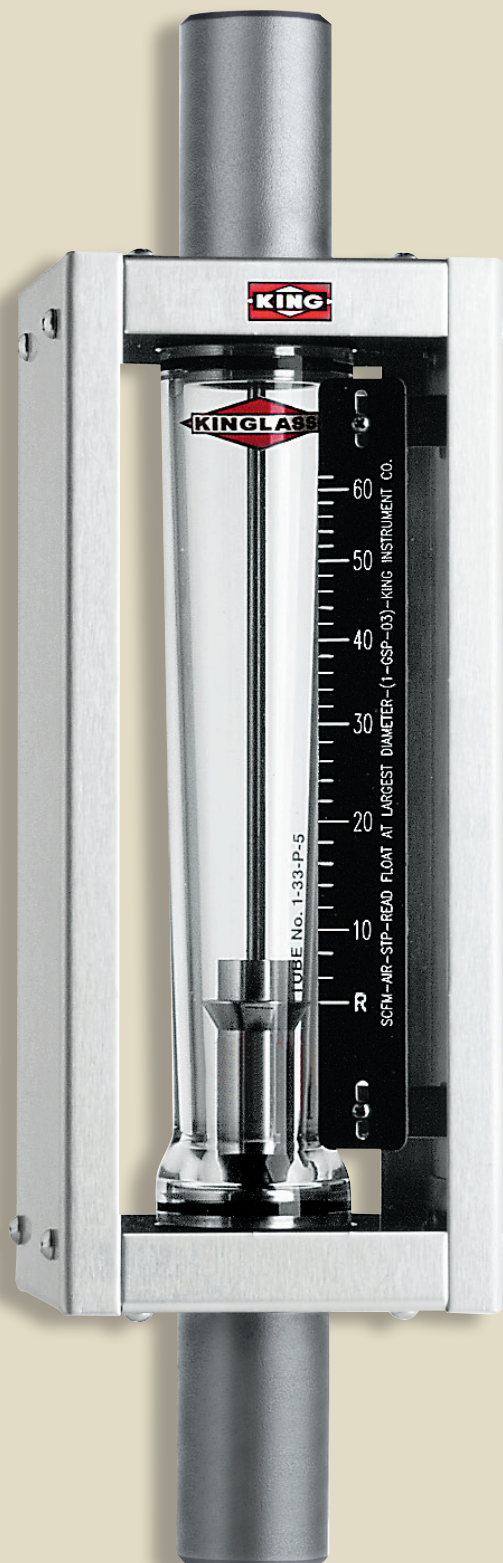


Available with NPT or flange connections, vertical or horizontal, this 127 mm scale glass tube meter offers value and versatility in 304 stainless case construction.



DESCRIPTION

Metering Tube

Borosilicate Kinglass

Internal Components

Standard: 316L Stainless Steel

Optional: Hastelloy® C-276

Inlet/Outlet Fittings

FNPT or Flange, Vertical or Horizontal

Fitting Material

Standard: 316L Stainless Steel

Optional: PVC (vertical connections only)

Elastomers

Standard: Viton®

Optional: Buna-N, EPR, and Kalrez®

Case and Covers

304 Stainless Steel Case

Polycarbonate Shield

PERFORMANCE

Capacities

0.25 to 116 GPM — Water

1 to 245 SCFM — Air

Scale

127 mm (5")

Direct reading, detachable

Accuracy

± 3% of Full Scale Flow

Turndown

10:1 unless otherwise indicated

Repeatability

0.5%

Max Temperature

316L SS Fittings

250° F (121° C) - Gases

200° F (93° C) - Liquid

PVC Fittings

110° F (43° C) - Liquid

Max Pressure

316L SS Fittings — 250 psig, size 3 & 4

316L SS Fittings — 200 psig, size 5 & 6

316L SS Fittings — 150 psig, size 8 & 9

PVC Fittings — 150 psig

Ambient Temperature

33° F to 125° F (1° C to 52° C)

OPTIONS

Alarm

Latching reed switch (see page 49)

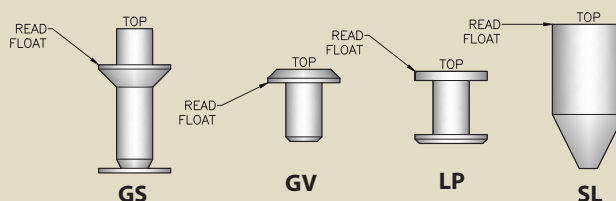
Certified Calibrations

Conform to ISA RP 16.6

Scales

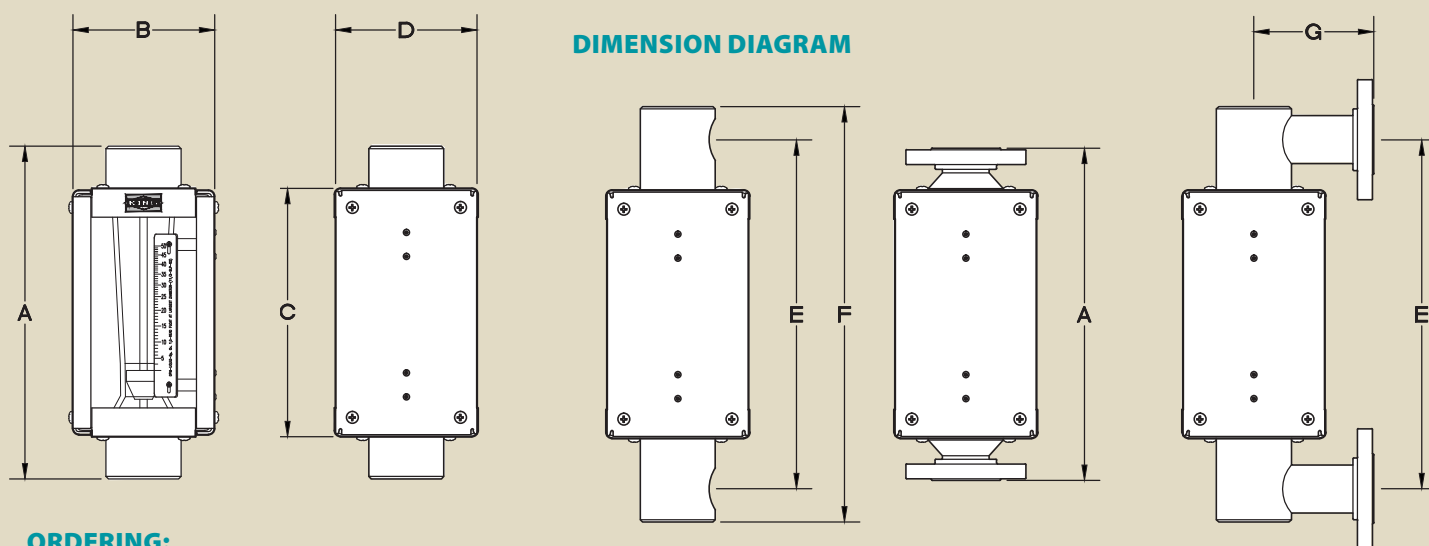
Can be produced in any volumetric unit

Float Types



SPECIFICATIONS:

Order No.	Full Scale		Alarm Opt.	Order No.	Full Scale		Alarm Opt.	Float Number	Float Type	Press. Drop In W.C	Tube Size - Number	Dimensions (Inches)							Connection Size	
	Flow GPM - Water				Flow SCFM - Air							A	B	C	D	E	F	G	FNPT	Flange
31W	.25	No		31A	1.0	No		3/8-LPG-01	LP	---	3G - 3/8-20-G-5	14.78	4.22	10.13	4.22	12.50	13.13	3.50	3/4"	1/2"
32W	.36	No		32A	1.5	No		3/8-SLG-01	SL	2	3G - 3/8-20-G-5	14.78	4.22	10.13	4.22	12.50	13.13	3.50	3/4"	1/2"
33W	.74	No		33A	3.0	No		3/8-SLG-02	SL	5	3G - 3/8-20-G-5	14.78	4.22	10.13	4.22	12.50	13.13	3.50	3/4"	1/2"
41W	1.0	No		41A	4.2	No		1/2-LPG-01	LP	6	4G - 1/2-27-G-5	14.78	4.22	10.13	4.22	12.50	13.13	3.50	3/4"	1/2"
43W	2.0	Yes		43A	8.2	Yes		1/2-SLG-01	GS	10	4G - 1/2-27-G-5	14.78	4.22	10.13	4.22	12.50	13.13	3.50	3/4"	1/2"
51W	1.5	No		51A	6.0	No		3/4-LPG-01	LP	3	5G - 3/4-30-G-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
52W	3.8	Yes		52A	16.0	Yes		3/4-GSG-01	GS	10	5G - 3/4-30-G-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
53W	5.0	Yes		53A	21.5	Yes		3/4-SLG-01	SL	14	5G - 3/4-30-G-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
61W	6.0	No		61A	25.5	No		1-GVP-01	GV	5	6P - 1-33-P-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
62W	7.4	No		62A	30.0	No		1-GVP-02	GV	6	6P - 1-33-P-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
63W	9.6	No		63A	40.0	No		1-GSP-01	GS	10	6P - 1-33-P-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
64W	11.0	No		64A	45.0	No		1-GSP-02	GS	13	6P - 1-33-P-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
65W	14.0	No		65A	62.0	No		1-GSP-03	GS	24	6P - 1-33-P-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
66W	20.0	Yes		66A	90.0	Yes		1-SLP-01	SL	39	6P - 1-33-P-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
67W	26.0	Yes		—	—	—		1-SLP-02	SL	45	6P - 1-33-P-5	14.78	4.22	10.13	4.22	12.50	13.13	4.00	3/4"	1"
81W	22.0	Yes		81A	90.0	Yes		1 1/2-GVP-01	GV	16	8P - 1 1/2-34-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
82W	30.0	No		82A	125.0	No		1 1/2-GVP-02	SL	23	8P - 1 1/2-34-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
83W	44.0	Yes		83A	180.0	Yes		1 1/2-SLP-01	SL	30	8P - 1 1/2-34-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
84W	50.0	Yes		84A	200.0	Yes		1 1/2-SLP-02	SL	35	8P - 1 1/2-34-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
85W	61.0	Yes		85A	250.0	Yes		1 1/2-SLP-03	SL	40	8P - 1 1/2-34-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
91W	41.0	Yes		91A	160.0	Yes		2-GVP-01	GV	5	9P - 2-33-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
92W	60.0	Yes		92A	245.0	Yes		2-GSP-01	GS	16	9P - 2-33-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
93W	86.0	Yes		—	—	—		2-SLP-01	SL	25	9P - 2-33-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"
94W	116.0	Yes		—	—	—		2-SLP-02	SL	45	9P - 2-33-P-5	13.86	5.90	10.18	5.90	14.50	17.25	5.00	1 1/2"	1 1/2"



ORDERING:

Use the following guide to determine the specific product number you require.

Meter Series	Fitting Material	Float Material	O-Ring Material	Order Number	Alarm Option
7 4 7	Vertical FNPT - 316L SS - 1	316L SS - 2	EPR - 1	See Specification Table Above	Check Specifications Table For Availability
	Horizontal FNPT - 316L SS - 2	Hastelloy® C-276 - 4	Buna - N - 2		Without Alarm - 0
	Vertical Flange - 150# - 3		Viton® - 3		With Alarm - 1
	Vertical Flange - 300# - 4		Kalrez® - 4		
	Horizontal Flange - 150# - 5				
	Horizontal Flange - 300# - 6				
	Vertical FNPT-PVC - 7				
	(not for air service)				